

Danilin, V. T.
THE PATHOLOGICAL ANATOMY OF LEPTOSPIROSIS
IN DOGS. [1962] [13]p. 25 refs. FASEB manuscript
no. S 140-2.

Order from OTS or SLA \$1.60

63-15997

Trans. of Arkiviv Patologii (USSR) 1962, v. 24, no. 3,
p. 39-44.

DESCRIPTORS: Anatomy, *Spirochetosis, *Dogs,
Pathology, Liver, Intestine, Spleen, Lymphatic system.

Two forms of leptospirosis were detected: the anicteric
(uremic) form caused by Leptospira canicola and the
icteric form, which sometimes proves fatal. Serious
pathological effects resulted in dogs afflicted with
leptospirosis icterohaemorrhagica. Anatomical investi-
gations revealed jaundice and multiple hemorrhages,
acute venous stasis and edema of the liver and lungs,
invagination of the intestine, and hyperplasia of the
(Biological Sciences--Pathology, TT, v. 10, no. 6)
(over)

63-15997

- I. Danilin, V. T.
- II. FASEB S-140-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Ulovich, A. I.
INCREASED SENSITIVITY AND LOWERED RESISTANCE TO NARCOTICS, SEDATIVES AND ANALGESICS IN ANOXIA. [1962] [19]p. 64 refs. FASEB manuscript no. S 143-2.
Order from OTS or SLA \$1.60 63-15999

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 3, p. 60-68.

DESCRIPTORS: *Anoxia, *Analgesics and antipyretics, *Narcotics, *Hypnotics and sedatives, Resistance, *Sensitivity, Toxicity.

Anoxia was induced using a mixture of nitrogen and oxygen; sodium amytal, urethane, and chloralose were injected intraperitoneally. The excitability of the pain reflex was recorded. The unanesthetized rabbits survived respiration of a gas mixture containing 13.4% (Biological Sciences--Pathology, TT, v. 10, no. 6)
(over)

63-15999

- I. Ulovich, A. I.
- II. FASEB S-143-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

(NY-1878)

Vladimir Kaplanovich Zhgenti (On the Occasion
of his 70th Birthday, 4 pp.

R USSIANS, per, Arkhiv Patologii, No 3, 1962,
pp 93, 94.

JPRS 15171

USSR
Biographic
Sep 62

Pathomorphology of Experimental Allergic Encephalomyelitis, by L. I. Ravkina, G. Ya. Svet-Moldavskiy.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 3, 1962, pp 27-33.

*FASEB

Call Mr Zwemer on any inquiries

Sci

11 Oct 62

Pathological Anatomy of Leptospirosis in Dogs, by
V. T. Danilin.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 3,
1962, pp 39-44.

*FASEB

Call Mr Zwemer on any inquiries

OTS - 63-12-177

Sci

11 Oct 62

The Pathogenesis of Amyloidosis, by L. V.
Pavlikhina, V. V. Serov.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 3,
1962, pp 44-52.

*FASEB

Call Mr Zwemer on any inquiries

Sci

11 Oct 62

63-15998

Grishkun, G. I.
NERVOUS STRUCTURES IN THE GRANULATION
TISSUE OF A SKIN WOUND. [1962] [18]p. 20 refs.
FASEB manuscript no. S 142-2.
Order from OTS or SLA \$1.60 63-15998
Iss. by letter from OTS
Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 3,
p. 53-60.

DESCRIPTORS: Nervous system, *Tissues (Biology),
*Skin, *Wounds, *Nerves, Morphology, Healing,
*Regeneration.

A study of the regeneration of the nervous elements of
granulating wounds must consider the genesis of the
wound (mechanical injury, burn, opening of an abscess),
the course of the wound (normal or delayed healing), and
its character (complicated or uncomplicated). Regener-
ation of nerve fibers was not detected in any preparation
from wounds after surgery; changes were observed in
(Biological Sciences--Pathology, TT, v. 10, no. 7)
(over)

- I. Grishkun, G. I.
- II. FASEB S-142-2
- III. Federation of American
Societies for
Experimental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Increased Sensitivity and Reduced Resistance to
Narcotics, Hypnotics, and Analgesics in Hypoxia,
by A. L. Ulovich.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 3,
1962, pp 60-68.

*FASEB

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013-16-10-999

Sci

11 Oct 62

Tsibel', B. N.

A METHOD OF DEMONSTRATING THE BASAL MEMBRANES AND CONNECTIVE TISSUE OF THE RENAL GLOMERULUS. [1962] [7]p. 6 refs. FASEB manuscript no. S 144-2.

Order from OTS or SLA \$1.10

63-19000

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 3, p. 77-79.

DESCRIPTORS: *Biological strains, Histological sections, Morphology, *Kidneys, *Tissues (Biology), *Membranes (Biology)

(Biological Sciences--Medical Specialties, TT, v. 9, no. 10)

63-19000

- I. Tsibel', B. N.
- II. FASEB S-144-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

K Patolgenezu Infektsionnogo Gemorragicheskogo
Nefrozo-Nefrita v Usloviyakh Eksperimental'nogo
Porazheniya Gipotalamo-Gipofizarnoi ~~XXXXXX~~ Oblasti,
by N. A. Levkova, G. V. Kestner.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 4,
1962, pp ~~XXXXXX~~ 13-18.

*FASEB

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Sci
5 Oct 62

K Sharakteristike Epiteliodykh Granulem pri
Vaktsinatsii Protivochumnymi Vaktsinami, by L. N.
Koturga.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 4,
1962, pp 19-24.

*FASEB

Call Mr Zwemer on any inquiries

Sci

5 Oct 62

Likht, L. L.
PATHOGENESIS OF ACUTE CORONARY INSUFFI-
CIENCY AND MYOCARDIAL INFARCTION IN HY-
PERTENSION. [1962] [13]p. (figs. omitted) 38 refs.
FASEB manuscript no. S 61-2.
Order from OTS or SLA \$1.60 63-15429
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 4,
p. 32-37.

DESCRIPTORS: Pathology, *Blood circulation, *Heart,
*Cardiac muscle, Thrombosis, *Necrosis, *Hyperten-
sion, Arteriosclerosis.

Acute coronary insufficiency, coronary thrombosis,
and myocardial infarction in hypertension usually
develop against a background of coronary atherosclero-
sis. The most important pathogenic factor in the de-
(Biological Sciences--Pathology, TT, v. 9, no. 9)(over)

63-15429

- I. Likht, L. L.
- II. FASEB S-61-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Specific Geographic Characteristics of the Distribution
of Aortic Atherosclerosis in the Hot Climate of the
Fergana ~~XXXXX~~ Valley of the Uzbek SSR, by M. Ya.
Laufer.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 4,
1962, pp 38-42.

*FASEB

Call Mr Zwemer on any inquiries

Sci
5 Oct 62

On the Morphology of Some Renal Hypertensions, by
E. V. Uranova.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 4,
1962, pp 43-49.

*FASEB

Call Mr Zwemer on any inquiries

Sci

5 Oct 62

Morfologicheskaya Kharakteristika Pecheni v
Zavisimosti ot ee Funktsional'nego Sostoyaniya v
Moment Oblucheniya, by N. V. ~~SAKHIN~~ Sokolova,
T. I. Gorshenina.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 4, 1962,
pp 50-55.

*FASEB

Call Mr Zwemer on any inquiries

Sci
5 Oct 62

Volzhina, N. S.
RESULTS OF OCCLUSION OF THE GREAT CEREBRAL VEIN IN YOUNG ANIMALS. [1962] [11]p. (figs. omitted) 22 refs. FASEB manuscript no. S 42-2.
Order from OTS or SLA \$1.60 63-15430
figs. available on loan from OTS

Trans. of Arkiv Patologii (USSR) 1962, v. 24, no. 4, p. 55-61.

DESCRIPTORS: *Veins, *Brain, *Obstruction (Physiology), Pathology, Regeneration, Neurology, *Adaptation (Physiology).

The fairly complete reconstruction of venous circulation that takes place after occlusion of the great cerebral vein in puppies is largely complete within 3 weeks of the operation. The major role in the formation of collateral efferent pathways following occlusion of the great cerebral vein is discussed. (Biological Sciences--Pathology, TT, v. 9, no. 9)(over)

63-15430

- I. Volzhina, N. S.
- II. FASEB S-42-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

A Case of Berylliosis of the Lungs, by A. I. Kanevskaya,
7 pp.
RUSSIAN, per, Arkhiv Patolog, Vol XXIV, No 4, 1962,
pp 73-77.
JPRS 27031

Sci-Biol & Med
Dec 64

270,108

Gol'dburt, N. N.
HISTOTOPOGRAPHIC STUDY OF GASTROINTESTINAL
ORGANS. [1962] [4]p. 5 refs. FASEB manuscript
no. S 340-2. 63-19025
Order from OTS or SLA \$1.10

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 4,
p. 78-79.

DESCRIPTORS: *Gastrointestinal system, *Histology,
Freezing, Stomach, Intestines, Gelatin, Leukocytes,
Biological stains.

Goldmann's staining method was modified to examine
large fragments of the walls of the stomach and in-
testine and the vermiform appendix. The tissues were
mounted in gelatin and left for two days. Excess gelatin
outside the specimen can be trimmed off before the
specimen is cut on the freezing microtome. The gelatin
(Biological Sciences--Anatomy, TT, v. 10, no. 6)(over)

63-19025

- I. Gol'dburt, N. N.
- II. FASEB S-340-2
- III. Federation of American
Societies for
Experimental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

(DC-6947)

CONCERNING THE CANCEROGENIC PROPERTIES OF SOME
RADIOACTIVE COMPOUNDS AT A REMOTE PERIOD OF
THEIR ACTION, BY T. A. KOCHETKOVA, G. A. AVRUNINA,
N. D. SAGAYDAK, 12 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXIV, NO 5,
1962, PP 3-7.

JPRS 14762

SCI - MED

AUG 62

206,208

On the Relationship Between the Tumour Process and
Thrombokinase Activity of the Tumour Tissue, by
███ M. A. Ukolova, E. B. Kvakina.

RUSSIAN, per, Arkhiv Patolog, Vol XXIV, No 5, 1962,
pp 7-13.

*FASEB
Call Mr Zwemer on any inquiries

Sci - Med
26 Oct 62

Goncharova, V. K.
TRANSPLANTABILITY OF OVARIAN TUMORS IN-
DUCED BY HORMONAL DISTURBANCES IN ALBINO
RATS. [1963] [11] p. 20 refs. FASEB manuscript
no. S 186-2.

Order from OTS or SLA \$1.60

63-19378

figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 5,
p. 13-18.

DESCRIPTORS: *Transplantation, *Sex glands,
*Neoplasms, *Hormones, Pathology, Rats, Cells
(Biology), Spleen, Corticosteroid agents, Pituitary
hormones, Adrenocorticotrophic hormone.

Ovarian tumors induced in mongrel albino rats by the
Biskinds' method are transplantable into castrated
mongrel albino rats, both male and female. Successful
transplantation was obtained in 6.6% of cases when
(Biological Sciences--Pathology, TT, v. 10, no. 5)
(over)

63-19378

- I. Goncharova, V. K.
- II. FASEB S-186-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Changes in the Central ~~Nervous~~ Nervous Systems of
Monkeys Following Infection With Various Strains of
Poliovirus, by E. E. Rozina, A. M.
Amchenkov, 7 pp.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 5,
1962, pp 57-63.

ATS-57PGR n(RJ-4213)

Sl. # 63-14379

230,616

Sci
May 63

Morphological Changes in the Fetal Heart, Appearing
Under the Effect of a Number of Harmful Factors
Acting During Pregnancy, by V. A. Ermakova.

RUSSIAN, per, Arkhib Patolog, Vol XXIV, No 5, 1962,
pp 63-68.

*FASEB

Call Mr Zwemer on any inquiries

Sci - Med
26 Oct 62

(NY-7179)

EXPERIMENTAL CANCER OF THE LUNGS, BY L. M. SHABAD,
15 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXIV,
NO 6, 1962, PP 3-12.

JPRS 15044

SCI - MEDICINE

SEP 62

210,257

Nezhintseva, A. V.
PNEUMONIA ASSOCIATED WITH CYTOMEGALY IN
CHILDREN. [1963] [11]p. 13 refs. FASEB manuscript
no. S 146-2.

Order from OTS or SLA \$1.60

63-19373

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 6,
p. 12-17.

DESCRIPTORS: *Pneumonia, Lungs, Diseases, *In-
fants, *Salivary glands, Pathology, Virus diseases,
Tissues (Biology), Cells (Biology).

Generalized cytomegaly in children during the first
months of life may follow a severe course in some
cases, and may lead to death. In children born at term
and developing generalized cytomegaly with the
presence of cytomegalic elements in the lungs, focal
pneumonias are frequently observed, with marked in-
terstitial changes. round-cell infiltration of the Inter-
(Biological Sciences--Pathology, TT, v. 10, no. 3)
(over)

63-19373

- I. Title Cytomegaly
- I. Nezhintseva, A. V.
- II. FASEB S-146-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Slinchenko, N. Z.
THE PATHOLOGICAL ANATOMY OF PNEUMOCOCC-
NIOSIS AMONG MINERS OF THE KRIVOI ROG IRON
ORE DISTRICT. [1962] [17]p. 31 refs. FASEB
manuscript no. S 147-2.
Order from OTS or SLA \$1.60 63-19001
Figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24
no. 6, p. 21-28.

DESCRIPTORS: Pathology, Anatomy, Iron industry,
*Pneumococci, Industrial medicine, *Ores,
*Dusts, *Iron, Lungs.

The object of the present research was to investigate
the morphological changes in the lungs of miners
engaged on the principal underground trades, and to
elucidate certain problems in the morphogenesis of
(Biological Sciences--Pathology, TT, v. 10, no. 5)
(over)

63-19001

- I. Slinchenko, N. Z.
- II. FASEB S-147-2
- II. Federation of American
Societies for
Experimental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Changes in Elastic Tissue of the Lungs in Experimental
Lobar Etelectasis, by L. I. Neminushchaya.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 6,
1962, pp 29-35.

*FASEB

Call Mr Zwemer on any inquiries

Sci

11 Oct 62

Pathomorphology of Lungs in Leukoses of
Children, by Yu. G. Yudin.
RUSSIAN, per, Arkhiv Patologii,
Vol XXIV, No 6, 1962, pp 35-41.
NII 11-52-64

Sci- 881

Jul 65

286,186

Bartlyak, R. A.
THE MORPHOLOGY AND ORIGIN OF THE
MIKULICZ CELLS. [1963] [14]p. (figs. omitted)
47 refs. FASEB manuscript no. S 149-2.
Order from OTS or SLA \$1.60 63-19374

Trans. of Arkhiv Patologii (USSR) 1962, v. 24,
no. 6, p. 41-47.

DESCRIPTORS: Morphology, *Cells (Biology),
*Histological techniques, Leukocytes, Phagocytosis,
Diagnosis, Tissues (Biology).

The cytological method is very convenient for
studying the cells of the scleromatous granuloma
and for diagnosing the disease. According to cytol-
ical investigations, Mikulicz cells are larger than
reported in the literature; they may attain a diameter
of 60 μ or more. As a rule the nucleus of the
(Biological Sciences--Pathology, TT, v. 10, no. 3)
(over)

63-19374

1. Title: Mikulicz cells
2. Title: Scleroma
- I. Bartlyak, R. A.
- II. FASEB S-149-2
- III. Federation of American
Societies for
Experimental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

The Effect of Splenopathy on the Liver and on the Hypophysis-Adrenal Cortex System (An Experimental Investigation), by L. I. Geller.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 6, 1962, pp 47-52.

*FASEB

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Sci

11 Oct 62

(NY-7179)

IMMUNOMORPHOLOGY OF CERTAIN ENDOCRINE GLANDS,
BY I. I. FINKEL', 11 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXIV,
NO 6, 1962, PP 53-60.

JPRS 15044

SCI - MEDICINE

SEP 62

210,258

The Effect of Homologous Fibrin on the Serious
Membranes, by A. M. Vikhert, T. F. Kogoy, et al.

RUSSIA,, per, Arkhiv Patologii, Vol XXIV, No 6,
1962, pp 60-66.

*FASEB

Call Mr Zwemer on any inquiries

Sci

11 Oct 62

S-539/62

Basic Results of Pathological Study of Processes of
Dying and Resuscitation of the Organism, by V. A.
Negovskiy. (NY-7224)

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 7,
1962, pp 3-9.

✓
JPRS 15985

Sci - Med

7 Sep 62

S-539/62

On the Pathogenesis of Atherosclerosis in the Light
of Morphological Information, by I. V. Davydovskiy,
L. A. Gulina, A. I. Ozaray. (NY-7224)

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 7,
1962, pp 10-18.

~~X~~JPRS 15,985

Sci - MED

7 Sep 62

Agapova, E. N.
ATHEROSCLEROTIC CHANGES IN THE DISTAL
PORTIONS OF CORONARY VESSELS OF THE HEART
AND IN THE MYOCARDIUM. [1963] [21]p. (figs.
omitted) 43 refs. FASEB manuscript no. S 319-2.
Order from OTS or SLA \$2.64 63-19365
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 7,
p. 19-26.

DESCRIPTORS: *Atherosclerosis, *Blood vessels,
*Heart, Arteries, Muscles, Growth, Edema.

In stenosed atherosclerosis of the coronary arteries,
plaques are found up to the middle third of the descend-
ing branches. The lower third exhibits pyknosis of the
endothelium, thickening of the intima, and sclerosis
of the vascular walls. A variety of changes, often
(Biological Sciences--Pathology, TT, v. 10, no. 5)
(over)

63-19365

- I. Agapova, E. N.
- II. FASEB S-319-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Study of the Changes in the Aorta Wall and
Arteries During the Early Stages of Athero-
sclerosis, by V. Kh. Anestiadi.

RUSSIAN, per, Arkhiy Patologii, Vol XXIV,
No 7, 1962, pp 26-29.

*FASEB

Call Mr Zwemer on any inquiries

Sci - Med

Dec 62

Gornak, K. A. and Yastrebtsova, N. L.
MORPHOGENESIS OF EXPERIMENTAL ATHERO-
SCLEROSIS IN DOGS (HISTOCHEMICAL INVESTIGA-
TION). [1963] [26]p. 15 refs. FASEB manuscript
no. S 321-2.

Order from OTS or SLA \$2.60 63-23026
figs available separately on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 7,
p. 34-42.

DESCRIPTORS: Morphology, *Atherosclerosis, Dogs,
Histology, Cells (Biology), Blood vessels.

The highly varied changes noted in the walls of blood
vessels in experimental atherosclerosis (in the form
of tissue disorganization, reaction to this disorganiza-
tion, and regeneration of structural elements) are
caused both in infiltration of lipids from the blood and
by metabolic disturbances in the vascular wall proper
(Biological Sciences--Pathology, TT, v. 10, no. 7)
(over)

63-23026

- I. Gornak, K. A.
- II. Yastrebtsova, N. L.
- III. FASEB S-321-2
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Pathomorphology of the Central Nervous System
in Experimental Atherosclerosis of Dogs, by
L. A. Dolina. *100-2210*

RUSSIAN, per, Arkhiv Patologii, Vol XXIV,
No 7, 1962, pp 42-49.

*FASKE

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Sci - Med

Dec 62

100-2210
SDA 63-14364

S-539/62

Atherosclerotic ~~in~~ Infection of the Vessels
During Cancer (Statistical Investigation), by
P. N. Sementsov. (NY-7224)

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 7,
1962, pp 49-54.

~~JPRS~~ 15,985

Sci - M^ud

7 Sep 62

The Effect of Largactyl on the Myelin Sheath
Structure of Peripheral Nerves, by T. Marosh,
L. Lazar.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV,
No 7, 1962, pp 60-63.

*FASEB

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Sci - Med

Dec 62

Biological Aspects of Compensatory Adaptive
Processes by I. V. Davydovskiy, 19 pp.

RUSSIAN, per, Arkhiv Patolog, Vol XXIV,
No 8, 1962, pp 7-18.

JPRS 15621

Sci - Biol, Med
Oct 62

215,575

Koltover, A. N., Lyudkovskaya, I. G., and
Vereshchagin, N. V.

THE PATHOGENESIS AND MORPHOLOGY OF
CEREBROVASCULAR DISTURBANCES DUE TO
LESIONS OF THE CAROTID AND VERTEBRAL
ARTERIES. [1963] [16]p. (figs. omitted) 28 refs. FASEB
manuscript no. S 189-2.

Order from OTS or SLA \$1.60
figs. available on loan from OTS

63-19380

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 3,
p. 18-26.

DESCRIPTORS: Pathology, Etiology, Morphology, Blood
vessels, *Brain, *Arteries.

Various forms of lesions of the carotid and vertebral
arteries are found in more than half the number of
persons dying from cerebrovascular disturbances. Com-
(Biological Sciences--Pathology, TT, v. 10, no. 4)
(over)

63-19380

1. Title: Carotid artery
2. Title: Vertebral artery
- I. Koltover, A. N.
- II. Lyudkovskaya, I. G.
- III. Vereshchagin, N. V.
- IV. FASEB S-189-2
- V. Federation of American
Societies for Ex-
perimental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Histochemical Study of Experimental Pneumonia in
Acute Radiation Sickness, by A. C. Ivanov,
N. N. Kurshakova.

RUSSIAN, per, Arkhiv Patolog, Vol XXIV, No 8, 1962,
pp 56-65.

*FASEB

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Sci - Chem
26 Oct 62

Mikhlin, S. Ya.
EFFECT OF EXPERIMENTAL FOLIC ACID DEFICIENCY (CAUSED BY AMINOPTERIN) ON ENZY-MATIC SECRETION OF THE MAIN DIGESTIVE GLANDS. 1963, 5p
Order from FASEB in Federation Proceedings, 1963, v. 22, no. 5, pt. 2, \$2.00

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 9, p. 24ff. (Abstract available)

DESCRIPTORS: *Folic acid, *Deficiency diseases, Enzymes, Secretion, Gastrointestinal system, *Anti-metabolites, *Drugs

Taking into consideration the nature of the action of analog antagonists of folic acid such as aminopterin, and also the data in the literature on the basic similarity of the effects of aminopterin and alimentary folic acid de- (Biological Sciences, TT v. 11, no. 1) (over)

TT-63-17973-5
(p. T918-T922)

- I. Title: Aminopterin
- I. Mikhlin, S. Ya.
- II. Federation of American Societies for Experimental Biology, Washington, D. C.

Office of Technical Services

Lobko, A. P.
KARYOMETRIC INVESTIGATIONS OF LIVER TAP
MATTER IN DISEASES OF THE DIGESTIVE TRACT.
[1963] [17]p. 8 refs. FASEB manuscript no. S 381-2.
Order from OTS or SLA \$1.60 63-23029

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 9,
p. 33-39.

DESCRIPTORS: *Mitosis, *Cells (Biology), *Liver,
Diagnosis, Diseases, Gastrointestinal system,
*Histological techniques.

Karyometry together with morphological, laboratory,
and general clinical investigation of liver tap matter
may facilitate the differential diagnostics of a number
of diseases of the organs of the abdominal cavity. The
karyometric curve in cancer of the stomach and of the
pancreas without metastases to the liver is commonly
(Biological Sciences--Pathology, TT, v. 10, no. 6)
(over)

63-23029

- I. Lobko, A. P.
- II. FASEB S-381-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica Inc.,
Washington, D. C.

Office of Technical Services

Endothelium of Aorta and Macrophagic
Reaction in Experimental Hypercholesterolemia,
by G. I. Ilyin.

RUSSIAN, per, Arkhiy Patologii, Vol XXIV,
No 9, 1962, pp 50-56.

*FASEB

Call Mr Zwemer on any inquiries

Sci - Med

Jan 63

Lagova, N. D. and Konoplev, V. P.
MORPHOLOGICAL CHANGES IN A TRANSPLANTABLE
CARCINOMA OF THE MAMMARY GLANDS OF RATS
(CMR-1) AFTER HORMONE THERAPY. [1963] [16p]
(figs omitted) 32refs FASEB Manuscript no. S 18-3.
Order from OTS or SLA \$1.60 63-23881
figs available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 10,
p. 38-44.

DESCRIPTORS: Morphology, *Carcinoma, *Mammary
glands, Rats, *Hormones, Therapy, *Antineoplastic
agents, Testosterone, Stilbestrol derivatives

Rats with transplantable mammary gland tumors from
the second, eighteenth and thirty-second generations w
were treated before and after ovariectomy with synest-
rol, co. none and testosterone. One group received
testosterone following removal of the adrenal glands.
(Biological Sciences--Pathology, TT, v. 10, no. 12)(over)

63-23881

- I. Title: Synestrol
- I. Lagova, N. D.
- II. Konoplev, V. P.
- III. FASEB S-18-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Aptekar, S. G.

RIBOFLAVIN CONTENT IN ORGANS OF RATS WITH
TRANSPLANTED TUMORS. 1963, 5p
Order from FASEB in Federation Proceedings, 1963,
v. 22, no. 5, pt. 2, \$2.00

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 10,
p. 45ff. (Abstract available)

DESCRIPTORS: *Riboflavin, Vitamin B complex,
*Tumors, Transplantation, *Cancer, Liver, Kidneys,
Heart

Transplantation of ascites hepatoma C into rats causes
a decrease in the riboflavin content of the liver, kidneys
and heart. The concentration of FAD is decreased in
these organs; the concentration of free riboflavin and
FMN is unchanged. Transplantation of Yoshida's
(Biological Sciences, TT, v. 11, no. 1) (over)

TT-63-17973-5
(p. T923-T927)

- I. Aptekar, S. G.
- II. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.

Office of Technical Services

Gladstein, A. I.

PAS-POSITIVE SUBSTANCES AND ACID POLYSACCHARIDES IN THE SYNOVIAL FLUID IN SOME PATHOLOGICAL PROCESSES IN THE KNEE JOINT. [1963] [14p] (figs omitted) 20 refs

FASEB Manuscript no. S 21-3.
Order from OTS, SLA, or ETC \$1.60 TT-63-23880
figs available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 10, p. 64-69. (Abstract available)

DESCRIPTORS: *Aminosalicylic acid, *Mucopolysaccharides, *Joints (Physiology), Legs, *Body fluids, Cells (Biology)

PAS-positive substances were found in the cytoplasm of the cells (neutrophils, monocytes, histiocytes, macrophages) of the synovial fluid but not in the intercellular substance. The character of the distribution and the (Biological Sciences--Pathology, TT, v. 11, no. 6) (over)

TT-63-23880

- I. Title: Synovial fluid
- I. Gladstein, A. I.
- II. FASEB S-21-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Balachanu, M., Biner, Zh., and Krishan, O.
A METHOD OF CULTURING TUMORS IN CHICK
EMBRYO (K Metodike Kul'tivirovaniya Opukholei v
Kurinom Embrione). [1963] [8]p. 18 refs. FASEB
manuscript no. S 22-3.

Order from OTS or SLA \$1.10

63-23058

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 10,
p. 80-82.

DESCRIPTORS: *Histological techniques, *Tumors,
Tissue cultures, Embryonated egg technique, Tissues
(Biology), Cells (Biology), *Transplantation, Growth.

In order to study the antitumoral action of different sub-
stances on the development of tumors transplanted into
the egg during incubation, it is necessary to use a
method giving a high percentage of positive transplanta-
tions. Homogenization of the tumor tissue with Potter's
apparatus considerably facilitates transplantation and
simultaneously increases the percentage of takes.
(Author)

63-23058

- I. Balachanu, M.
- II. Biner, Zh.
- III. Krishan, O.
- IV. FASEB S-22-3
- V. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Pathology,
TT, v. 10, no. 7)

Office of Technical Services

LATE CHANGES IN THE OSSEOUS SYSTEM OF DOGS IN
RADIOACTIVE STRONTIUM AFFECTION, BY N. N.
LITVINOV, 7 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, NO 11,
1962, PP 23-28.

JPRS 17161

SCI - MED

JAN 63

219,665

Ivanov, A. E.

ASEPTIC INFLAMMATION IN THE LUNGS IN ACUTE RADIATION SICKNESS. 1963, 5p

Order from FASEB in Federation Proceedings, 1963, v. 22, no. 5, pt. 2, \$2.00

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 11, p. 38ff. (Abstract available)

DESCRIPTORS: *Inflammation, *Lungs, Radiation effects, Radiation sickness, Leukocytes

Inflammation in the lungs of irradiated rabbits at the site of turpentine injection has much in common with the inflammatory changes arising in other tissues and organs during local irradiation or acute radiation sickness. The fact that the inflammatory changes under different conditions of irradiation are similar in type (Biological Sciences, TT, v. 11, no. 1) (over)

TT-63-17973-5
(p. T850-T854)

- I. Leukocyte migration
1. Ivanov, A. E.
- II. Irradiation of lungs
- See also 17973-5p
- in 17973-5p
- Widened, 17973-5p

Office of Technical Services

Lebedeva, G. A.

DEVELOPMENT OF INTESTINAL POLYPOSIS IN
RATS UNDER THE INFLUENCE OF RADIOACTIVE
CERIUM. [1963] [12p] 30 refs FASEB manuscript
no. S 88-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13502
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 11,
p. 29-34.

DESCRIPTORS: *Intestines, Radioactive isotopes,
*Cerium, *Carcinogenic agents, Inflammation,

(Biological Sciences--Pathology, TT, v. 11, no. 9)

TT-64-13502

I. Title: Polyposis

1. Lebedeva, G. A.

II. FASEB-S-88-3

III. Federation of American
Societies for Experimental
Biology, Washington, D.C.

IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Afrikanova, L. A.
SKIN REPAIR AFTER ACUTE RADIATION NECROSIS.
[1963] [11]p. 9 refs. FASEB manuscript no. S 90-3.
Order from OTS or SLA \$1.60 63-23844

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 11,
p. 42-46.

DESCRIPTORS: *Skin, Wounds and injuries, *Ra-
diation sickness, *Necrosis, Radiation effects,
*Healing.

The development of a focus of radiation necrosis is
characterized by a slow tempo, the absence of a clear
cut picture of inflammation, and the development of
necrotic changes in the zone of injury. At the time of
formation of a focus of radiation necrosis, ready-
formed layer of proliferating epidermis and young
connective tissue are present at its edges and base. A
(Biological Sciences--Radiobiology, TT, v. 10, no. 11)
(over)

63-23844

- I. Afrikanova, L. A.
- II. FASEB S-90-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Moiseev, E. A., Shurygin, D. Ya. and others.
THE EFFECT OF CYTOSTATIC SUBSTANCES ON
THE ORGANS OF INTERNAL SECRETION. [1963]
[12]p. 11 refs. FASEB manuscript no. S 91-3.
Order from OTS or SLA \$1.60 63-23843
Figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 11,
p. 57-63.

DESCRIPTORS: *Endocrine glands, Drugs, *Myleran,
Leukemia, Toxicity, *Tolerances (Physiology), Cells
(Biology), *Antineoplastic agents

The character of the morphological changes in the
endocrine glands, and their severity depend on the type
of cytostatic substance, its dose and the duration of its
action, and also on the individual peculiarities of the
organism. After the brief administration of therapeutic
(Biological Sciences--Pharmacology, TT, v. 10, no. 11)
(over)

63-23843

1. Title: Chlorbutin
2. Title: Cytostatic agents
3. Title: Emblichin

1. Moiseev, E. A.
- II. Shurygin, D. Ya.
- III. FASEB S-91-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Lebedeva, G. A.

DAMAGE TO THE GASTROINTESTINAL TRACT IN
CHRONIC RADIATION SICKNESS PRODUCED BY RE-
PEATED X-IRRADIATION. [1963] [14p] 11 refs

FASEB Manuscript no.: S 145-3.

Order from OTS, SLA, or ETC \$1.60 TT-63-24467
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 12,
p. 21-26. (Abstract available)

DESCRIPTORS: Radiation effects, X-rays, *Gastro-
intestinal system, *Radiation sickness.

Sclerotic changes, disturbances in the neurovascular and
lymphatic apparatus and changes in the cell composition
of the stroma were discovered in the stomach and intes-
tines of dogs in chronic radiation sickness and radiation
leukemia produced by repeated exposure to X-rays in a
total dose of 1540 - 6950 r. In addition to the general
disturbances certain special features in the damage to
(Biological Sciences--Radiobiology, TT, v. 11, no. 6) (over)

TT-63-24467

- I. Lebedeva, G. A.
- II. FASEB-S-145-3
- III. Federation of American
Societies for Experi-
mental Biology.
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Soboleva, A. D.

ORGANOSPECIFIC FEATURES OF PULMONARY
CONNECTIVE TISSUE REACTIONS IN LEUKEMIA,
CANCER AND NONSPECIFIC CHRONIC INFLAMMA-
TION. [1963] [18p] 17 refs FASEB Manuscript no.:
S 146-3.

Order from OTS, SLA, or ETC \$1.60 TT-63-24468
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 12,
p. 26-[31]. (Abstract available)

DESCRIPTORS: *Connective tissues, *Lungs,
*Leukemia, *Cancer, Inflammation, Antigen-antibody
reactions,

Two types of connective tissue (fibrous and definitive
reticular) can be distinguished in the lungs. Both types
of tissue have distinctive biological reactions.
Cellular-hyperplastic reactions are concentrated in
(Biological Sciences--Pathology, TT, v. 11, no. 5)
(over)

TT-63-24468

I. Soboleva, A. D.

II. FASEB-S-146-3

III. Federation of American
Societies for Experimental
Biology, Washington,
D. C.

IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Gusman, V. S. and Migulina, T. V.
MORPHOLOGY OF THE VACCINAL PROCESS IN
GUINEA PIGS INOCULATED WITH DIPHtheria-
PERTUSSIS AND PERTUSSIS VACCINES AND
DIPHtheria TOXOID. [1963] [16p] 35refs FASEB
Manuscript no.: S 147-3.
Order from OTS, SLA, or ETC \$1.60 TT-63-24469
figs. available on loan from OTS
Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 12,
p. 32-38. (Abstract available)

DESCRIPTORS: *Vaccines, Immunity, *Antigen-
antibody reactions, Toxins and antitoxins, *Diphtheria
toxoid, Diphtheria, *Whooping cough, Morphology
(Biology),

Following the administration of diphtheria-pertussis
or pertussis vaccine and of diphtheria toxoid to guinea
pigs, changes concerned with the morphology of the
(Biological Sciences--Pathology, TT, v. 11, no. 5)
(over)

TT-63-24469

- I. Gusman, V. S.
- II. Migulina, T. V.
- III. FASEB-S-147-3
- IV. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

THE SIGNIFICANCE OF PLASMA CELLS IN ANTIBODY
FORMATION PROCESS DURING IONIZING RADIATION,
BY L. G. KOVTUNOVICH, A. YU. RUBNITSKAYA, 11 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXIV,
NO 12, 1962, PP 15-21.

JPRS 18020

SCI - BIOL - MET SC

MAR 63

224,925

CYCLIC CHANGES IN THE HAIR FOLLICLES AND THEIR
ROLE IN EXPERIMENTAL CARCINOGENESIS, BY
V. S. TURUSOV, 19 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXV, NO 1,
1963, PP 3-13.

JPRS 18656

SCI - BIOL-MED SCI

APR 63

228,365

Amelin, A. Z., Anshelevich, Yu. V., and
Melzoba, M. Ya.

EXPERIMENTAL INFARCTION-LIKE CHANGES IN
THE MYOCARDIUM BROUGHT ABOUT BY ISADRIIN
(ISOPROPYLNORADRENALIN). [1963] [14p] 14refs
FASEB manuscript no. S 156-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13507
figs available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 1,
p. 25-29.

DESCRIPTORS: *Heart, *Necrosis, Drugs,
Obstruction (Physiology), Coronary vessels,
Epinephrine.

(Biological Sciences--Pathology, TT, v. 11, no. 9)

TT-64-13507

1. Title: Isadria
2. Title: Isopropylnor-
adrenalin

- I. Amelin, A. Z.
- II. Anshelevich, Yu. V.
- III. Melzoba, M. Ya.
- IV. FASEB-S-156-3
- V. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

KI- 13602

11 Jan 67

Study of the carcinogenic activity of polyoma
virus in rats. Preliminary analysis of morpholo-
gical changes by P.D. Cordeladze, & F.I. Adzhigitov,
pp 40-46,
Arkhiv Patologii, Vol.25, Moscow, 1963
Russian
RUSA/Sci-Mo- ted
pp.

10/11

Dyshlovoi, V. D.

THE STATE OF THE NERVOUS APPARATUS OF CERTAIN INTERNAL ORGANS OF MICE IN TRANSPLANTABLE MALIGNANT TUMORS. [1963] [14p]

8 refs. FASEB Manuscript no. S 159-3.

Order from OTS, SLA, or ETC \$1.60 TT-63-24472
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 1, p. 60-65. (Abstract available)

DESCRIPTORS: Nervous system, Tumors, *Cancer, Transplantation, *Autonomic nervous system, Tissue culture, Mice.

Changes observed in the peripheral nervous system of mice with transplantable malignant tumors are not diffuse but selective. The most constant and pronounced changes are to be found in the lungs, stomach and muscles. (Author)
(Biological Sciences--Pathology, TT, v. 11, no. 6)

TT-63-24472

- I. Dyshlovoi, V. D.
- II. FASEB-S-159-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Vikbert, A. M., Serebrovskaya, Yu. A. and
Tinyakov, Yu. G.

RENIN AND THE JUXTAGLOMERULAR APPARATUS
IN EXPERIMENTAL NEPHRITIS. [1963] [17p] 17refs

FASEB manuscript no. S 488-3.

Order from OTS \$1.60

TT-64-13475

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 2,
p. 17-24.

DESCRIPTORS: *Renin, *Nephritis, Kidneys

(Biological Sciences--Pathology, TT, v. 11, no. 9)

TT-64-13475

I. Title: Glomerular
apparatus

1. Vikbert, A. M.

II. Serebrovskaya, Yu. A.

III. Tinyakov, Yu. G.

IV. FASEB-S-488-3

V. Federation of American
Societies for Experi-
mental Biology,

Washington, D. C.

VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Braude, V. I.

RENAL PATHOLOGY IN TUBERCULOSIS (AUTOPSY FINDINGS). [1963] [26p] 13refs FASEB manuscript no. S 490-3.

Order from OTS, SLA, or ETC \$2.60 TT-64-13474

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 2, p. 47-53.

DESCRIPTORS: Diseases, *Kidneys, *Tuberculosis

(Biological Sciences--Pathology, TT, v. 11, no. 9)

TT-64-13474

I. Braude, V. I.

II. FASEB-S-490-3

III. Federation of American Societies for Experimental Biology, Washington, D. C.

IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Beletskaya, L. V. and [Chang, Wen-yu].
THE HISTOCHEMICAL USE OF CULTURE FILTRATES
FROM HYALURONIDASE PRODUCING STRAINS OF
STREPTOCOCCI [1963] [16p] 7 refs FASEB
manuscript no. S 493-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13894

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 2,
p. 66-70.

DESCRIPTORS: Cytochemistry, *Hyaluronate lyase,
*Streptococcus, Enzymes, Biosynthesis, Culture
media.

(Biological Sciences--Biochemistry, TT, v. 11, no. 10)

TT-64-13894

- I. Beletskaya, L. V.
- II. Chang, Wen-yu
- III. FASEB-S-493-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Abdullaev, V. M.
HISTOCHEMICAL INVESTIGATIONS OF GLYCOGEN
IN EYEBALL TISSUE IN RADIATION SICKNESS.
Mar/Apr 64, 5p 22refs
Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, 1964, v. 21, no. 2 (p. T287-
T291)

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 3,
p. 56ff.

DESCRIPTORS: Cytochemistry, *Eye, *Glycogen,
Tissues (Biology), *Radiation sickness

(Biological Sciences--Radiobiology, TT, v. 11, no. 10)

TT-64-12541-2 (p. T287-T291)

I. Abdullaev, V. M.
II. Federation of American
Societies for Experimental
Biology, Washington, D. C.

Office of Technical Services

Avksent'eva, L. I., Bykova, V. P., Bykova, Z. P.,
Lipko, T. E., and Vavilov, A. V.

A MORPHO-IMMUNOLOGICAL INVESTIGATION OF
THE KIDNEYS IN RATS WITH SELYE'S ENDO-
THELIOMYELOSIS. [1963] [10p] 13refs FASEB Ma
no. S-675-3.

Order from GTS, SGA, or LTC \$1.10 TT-64-1388
figs. available on loan from GTS

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 5,
p. 35-40.

DESCRIPTORS: *Morphology (Biology), Diseases,
*Kidneys, *Immunity, Antigens and antibodies,
Epithelium, *Nephritis

(Biological Sciences--Pathology, TT, v. 11, no. 10)

TT-64-1388

I. Title: Selye's
endotheliomyelosis

I. Avksent'eva, L. I.

II. Bykova, V. P.

III. Bykova, Z. P.

IV. Lipko, T. E.

V. Vavilov, A. V.

VI. FASEB-S-675-3

VII. Federation of American
Societies for Experi-
mental Biology,

Washington, D. C.

VIII. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

ON THE CLASSIFICATION OF TUMOROUS LESIONS OF
THE HEMOPOIETIC SYSTEM, BY R. D. SHTERN, 11 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXV, NO 3,
1963, PP 3-9.

JPRS 20714

SCI - BIOL & MED
AUG 63

341,925

Klosovskii, B. N. and Zhukova, T. P.
THE ACTION OF COLCHICINE ON THE PHASES OF
GROWTH OF CEREBRAL CAPILLARIES. [1963] [13p]
18refs FASEB Ma no.: S352-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13827
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 3,
p. 38-44.

DESCRIPTORS: *Alkaloids, Growth (Physiology), Brain,
*Capillaries, Drugs.

(Biological Sciences--Pharmacology, TT, v. 11, no. 8)

TT-64-13827

- I. Klosovskii, B. N.
- II. Zhukova, T. P.
- III. FASEB-S-352-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

SHIFTS IN ADSORPTIVITY OF TISSUE IN ACCUTE
RADIATION SICKNESS, BY YE. G. DOLGOV, 6 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXIV, NO 3,
1963, PP 62-65.

JPRS 20713

SCI - BIOL & MED
AUG 63

341,927

Shibaeva, S. M.
AGE CHANGES AND HISTOCHEMICAL CHARACTER-
ISTICS OF LIPIDS OF HUMAN TRACHEAL CARTI-
LAGE. [1963] [13p] 7 refs FASEB Me no.: S355-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13828
figs available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 3,
p. 65-70.

DESCRIPTORS: *Aging (Physiology), *Lipids,
Respiratory system, *Cartilage, Cytochemistry.

(Biological Sciences--Physiology, TT, v. 11, no. 8)

TT-64-13828

- I. Shibaeva, S. M.
- II. FASEB-S-355-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

The Pathology of the Pulmonary Circulation
in Congenital Cardiac Malformations
of the Fallot Type, by D. S. Sarkisov,
L. D. Krymskii.
RUSSIAN, per, Arkhiv Patologii,
Vol XXV, No 4, 1963, pp 38-44.
OTS TT-64-19651
LOAN

S:1 67

317,530

Morphological Changes in the Lung After
Ligation of Pulmonary Vein, by V. K.
Mavrin.

RUSSIAN, per, Arkhiv Patologii, Vol XXV
No 4, 1963, pp 62-69.

OTS T1-64-19652

Sci

Jan 67

317,493

DATA ON THE STUDY OF GASTRO-INTESTINAL TUMORS
INDUCED BY RADIOACTIVE CERIUM (^{144}Ce), BY
G. A. LEVEDEVA, 7 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXV, NO 5,
1963, PP 40-44.

JPRS 20210

SCI-MED
JULY 63

235,923

Sheyanov, G. G.
THE FUNCTIONAL STATE OF THE CELLS OF THE
ISLETS OF LANGERHANS AND THEIR REGENERA-
TION IN EXPERIMENTAL DITHIZON DIABETES.

[1963] [13p] 9 refs

FASEB Ms no.: S677-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13831
figs. available on loan from OTS

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DESCRIPTORS: Cells (Biology), *Pancreas,
Regeneration, *Diabetes, Endocrine glands,
Excretion.

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DESCRIPTORS: *Hemorrhage, *Heart, *Necrosis,
*Exercise, Blood circulation.

(Biological Sciences--Pathology, TT, v. 11, no. 8)

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DESCRIPTORS: *Adrenal glands, Excision, Secretion,
*Pituitary gland, Epinephrine, *Radiation effects.

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